/ e	01	PARTE	L- FEE(S)	TRANSMITT		-				
877 July 2013	his form, together wit	h applicable f	ee(s), to: <u>N</u> or]	Mail Sto Commis P.O. Bo Alexand Fax (571) 27	op ISSUE ssioner fo ox 1450 dria, Virg 3-2885	r Patents inia 22313				
indicated unless corrected t maintenance fee notification	below or directed otherwise	in Block 1, by (a	JE FEE and ders and not of specifying	a new corresponder	nce address;	and/or (b) in	dicating a sep	hould be completed where correspondence address as arate "FEE ADDRESS" for		
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EDWARDS & A P.O. BOX 55874 BOSTON, MA 022	205			I hereby co States Post addressed transmitted	ertify that th	is Fee(s) Tran	niling or Tran asmittal is bein postage for fir FEE address 2885, on the	smission g deposited with the United st class mail in an envelope above, or being facsimile date indicated below.		
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1501 1600 00 -					VI			(Signature)		
1504 1400.00 Di 8001 300.00 Di	Š			Janua	r 13,	2006		(Date)		
APPLICATION NO.	FILING DATE		FIRST NAME	D INVENTOR	Y	ATTORNEY	DOCKET NO.	CONFIRMATION NO.		
09/006,363	09/006,363 01/13/1998 KATSUYA NAK.			IAKAGAWA	AWA /			7958 3646		
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATIO	N FEE	TOTAL FI	EE(S) DUE	DATE DUE		
nonprovisional NO		\$1400		\$300		\$1700		01/31/2006		
EXAMINER		ART UNIT		CLASS-SUBC	CLASS-SUBCLASS					
NGUYEN,	2673	345-16800	345-168000							
CFR 1.363).				For printing on the patent front page, list) the names of up to 3 registered patent attorneys agents OR, alternatively,				₁ David G. Conlin		
Address form PTO/SB/122) attached.			(2) the na	(2) the name of a single firm (having as a member a 2 william J.				n J. Daley, Jr.		
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney of agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				£dwards,@Angell;.Palmer & Dodge, LLP			
	RESIDENCE DATA TO BI			• •• •	*C .					
recordation as set forth in	an assignee is identified be 37 CFR 3.11. Completion of	low, no assignee of this form is NO	data will app F a substitute	ear on the patent. for filing an assignt	II an assign ment.	ee is identifie	d below, the c	locument has been filed for		
(A) NAME OF ASSIGNI	∃E	(B) RESIDENC	CE: (CITY and STA	TE OR COU	JNTRY)				
Sharp Kabushi	ki Kaisha	0	saka, J	JAPAN						
Please check the appropriate	assignee category or categor	ries (will not be pr	inted on the p	atent): 🗖 Indivi	idual 🗖 Co	erporation or o	ther private gr	oup entity Government		
a. The following fee(s) are	enclosed:	4b	. Payment of	Fee(s):						
Issue Fee		e amount of the fee(s) is enclosed.								
Publication Fee (No si	•	yment by credit card. Form PTO-2038 is attached.								
				The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to eposit Account Number 04-1105 (enclose an extra copy of this form).						
	(from status indicated above) MALL ENTITY status. See 3		☐ b. Applic	ant is no longer clai	iming SMAI	LL ENTITY s	tatus. See 37 C	FR 1.27(g)(2).		

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Authorized Signature

Typed or printed name William J.

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Date January 13, 2006
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Fees pursuant to	Effective on 12/08/2004 the Consolidated Appropriation		Application I	· · · · · · · · · · · · · · · · · · ·	09/006,363-Conf. #3646							
· ·	TRANSM		/ Application / Names		January 13, 1998							
					Katsuya Nakagawa							
	For FY 200	5			J. H. Nguyen							
Applican	t claims small entity status.	See 37 CFR 1.27	Art Unit		2673							
TOTAL AMOU	Attorney Docket No. 4		47958CPA(71117)									
METHOD OF PAYMENT (check all that apply)												
Check Credit Card Money Order None Other (please identify):												
x Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards Angell Palmer & Dodge LLP												
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For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) X Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee												
Charge any additional fee(s) or underpayment of												
fee(s) under 37 CFR 1.16 and 1.17												
FEE CALCU		AINIATION FEEC										
1. BASIC FILIN	G, SEARCH, AND EXAM		ARCH FEES	S FXAMIN	ATION FEES							
		Small Entity	Small Ent	tity	Small Entity							
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Utility	300	150 500	250	200	100							
Design	200	100 100	50	130	65							
Plant	200	100 300	150	160	80							
Reissue	300	150 500	250	600	300							
Provisional	200	100 0	0	0	0							
2. EXCESS CL	AIM FEES					F (6)	Small Entity					
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3. APPLICATIO	N SIZE FEE											
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer												
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50												
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)												
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - 100 = /50 (round up to a whole number) x =												
4. OTHER FEE(S) Fees Paid (\$)												
Non-English Specification. \$130 fee (no small entity discount)												
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SUBMITTED BY	Williams		Registration No.	35,487								
Signature	Telephone	(617) 439-4444										
Name (Print/Type)	William J. Daley, Jr.	Date .	January 1	3, 2006								